STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
NEWHALL COUNTY WATER DISTRICT
(WELL NOS. 7 & 10)

NPDES NO. CAG994005
CI–8603

FACILITY ADDRESS	**FACILITY MAILING ADDRESS**
24715 & 25015 San Fernando Road Santa Clarita, California	23780 North Pine Street Santa Clarita, CA 91322

PROJECT DESCRIPTION:

Newhall County Water District proposes to discharge groundwater generated during the well development, and aquifer and pumping tests, of Well Nos. 7 and 10 located in the vicinity of San Fernando Road, Santa Clarita. The pumped groundwater will be collected into sedimentation tanks before being discharged into the storm drain.

The well rehabilitation process requires removing the well pump, adding acid into the well, and swabbing the well casing. After the reaction period, the sediments are airlifted into a holding tank. The pH will then be adjusted and the sediments will be allowed to settle in the tank. The final step of the rehabilitation process is to surge and chlorinate the well. Subsequently, the pump is reinstalled and the well is developed. The pumped groundwater will be collected into a sedimentation tank and will be dechlorinated before being discharged.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 800,000 gallons per day of groundwater will be discharged during well development and subsequent pumping and aquifer tests. This rate of discharge is necessary to determine the aquifer's productive capacity and to properly size the well pump. The discharge will last up to one month. The groundwater generated from Well No. 7 (Latitude: 34° 23' 04", Longitude: 118° 31' 53"), and Well No. 10 (Latitude: 34° 23' 34", Longitude: 118° 32' 16"), will be discharged to Newhall Creek, a water of the United States. The project location map is shown in Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data did not show reasonable potential for toxics to exist in groundwater above the Screening Levels for Potential Pollutants of Concern in Potable Groundwater in Attachment A. Therefore, the effluent limits for toxic compounds in Section E.2. are not applicable to your discharge. The discharge flows into Newhall Creek, thence to the

Santa Clara River that has a designated beneficial use of MUN (Potential). The effluent limitations in Attachment B.3.c. are applicable to your discharge.

This table lists the specific constituents and effluent limitations applicable to the discharge.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	1000	
Sulfate	mg/L	300	
Chloride	mg/L	100	
Boron	mg/L	1.5	
Nitrogen[1]	mg/L	10	
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD_5 20°C	mg/L	30	20
Settleable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	

FREQUENCY OF DISCHARGE:

The discharge of groundwater will be intermittent.

REUSE OF WATER:

Offsite disposal of waste is not feasible due to the high cost of disposal. Discharge to the sewer is not feasible because of inaccessibility and the high cost of sewer connection. The property and the immediate vicinity have no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain.

[1] Nitrate-nitrogen plus nitrite nitrogen.